

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  MODIFICATION OF CLOSTRIDIAL TOXINS FOR USE AS TRANSPORT PROTEINS	ATTY. DOCKET NO. 17044DIV1 (AP)	SERIAL NO. Not Assigned
	APPLICANT Dolly, et al.	
	FILING DATE Submitted herewith	GROUP Not Assigned

10564 U.S. PTO  
09/676053  
09/28/00

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS
RZ	AA	5	2	0	4	0	9	7		4/93	Amon et al	
RZ	AB	4	5	9	4	3	3	6		6/86	Bizzini	
RZ	AC	5	4	4	3	9	7	6		8/95	Carroll	
RZ	AD	5	4	3	7	2	9	1		8/95	Pasricha et al	
RZ	AE	5	5	1	2	5	4	7		4/96	Johnson et al	
RZ	AF	5	5	6	2	9	0	7		10/96	Amon	
RZ	AG	5	6	5	0	2	8	0		7/97	Stuart et al	
RZ	AH	4	7	1	3	2	4	0		12/87	Wilkins et al	
RZ	AI	5	5	9	9	5	3	9		2/97	Carroll et al	
RZ	AJ	5	6	0	1	8	2	3		2/97	Williams et al	
RZ	AK	5	7	1	9	2	6	7		2/98	Carroll et al	
RZ	AL	5	7	2	1	2	1	5		2/98	Aoki et al	
RZ	AM	5	5	8	5	1	0	0		12/96	Mond et al	
RZ	AN	5	6	7	4	2	0	5		10/97	Pasricha et al	
RZ	AO	5	7	6	2	9	3	4		6/98	Williams et al	
RZ	AP	5	8	1	4	4	7	7		9/98	Williams et al	
RZ	AQ	5	7	2	1	2	1	5		2/98	Aoki et al	
RZ	AR	5	9	6	5	6	9	9		10/99	Schmidt et al	
RZ	AS	5	7	3	6	1	3	9		4/98	Kink et al	
RZ	AT	5	6	9	3	4	7	6		12/97	Scheller	
RZ	AU	5	9	5	5	3	6	8		9/99	Johnson et al	
RZ	AV	5	9	1	9	6	6	5		7/99	Williams	

EXAMINER

Robert Zeman

DATE CONSIDERED

6/6/05

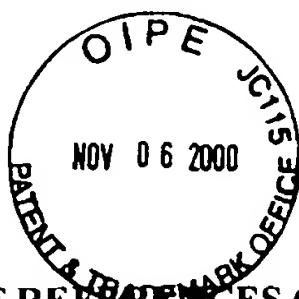
\*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609: DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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	APPLICANT Dolly, et al.	
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U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
<i>RE</i>	CA	9	4	2	1	3	0	0	9/29/94	PCT				
<i>RE</i>	CB	0	2	5	4	9	0	5	3/2/88	EPO				
<i>RE</i>	CC	9	4	0	0	4	8	7	1/94	WO				
EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)													
	DA	Li, Yan et al., "A Single Mutation in the Recombinant Light Chain of Tetanus Toxin Abolishes Its Proteolytic Activity and Removes the Toxicity Seen After Reconstitution with Native Heavy Chain" <i>Biochemistry</i> (1994), 33(22), 7014-20 CODEN: BICHAW, ISSN: 0006-2960												
	DB	Fairweather, Neil F. et al., "Production of Biologically Active Light Chain of Tetanus Toxin in Escherichia Coli: Evidence for the Importance of the C-Terminal 16 Amino Acids for Full Biological Activity" <i>FEBS LETT.</i> (1993), 323(3), 218-22 CODEN: FEEDAL, ISSN: 0014-5793, June, 1993, pp. 218-222.												
<i>RE</i>	DC	De Paiva et al., <i>J. Biol. Chem.</i> 268:20838 (1993)												
<i>RE</i>	DE	Weller et al., <i>Eur. J. Biochem.</i> 182:649 (1989)												
	DF	Habenmann et al., <i>Näunyn-Schmiedeberg's Arch. Pharmacol.</i> 311:33 (1980)												
<i>RE</i>	DG	Bizzini et al, <i>Journal of Neurochemistry</i> , 1977, Vol. 28, pp. 529-542, "An Antigenic Polypeptide Fragment Isolated From Tetanus Toxin: Chemical Characterization, Binding To Gangliosides and Retrograde Axonal Transport in Various Neuron Systems"												
<i>RE</i>	DH	Dertzbaugh et al, <i>Vaccine</i> 14/6: 1538-44, 1996												
<i>RE</i>	DI	Thompson et al, <i>Eur. J. Biochem.</i> 189:73-81, 1990												
<i>RE</i>	DJ	Kozaki et al, <i>Microbiol. Immunol.</i> 39/ 10: 767-774, 1995												
	DK	<del>Binz et al JBC, 265/18: 9133-9138, 1990</del>												
	DL	<del>Wadsworth et al, <i>Biochem. J.</i>, 268: 123-128, 1990</del>												
<i>RE</i>	DM	Pelizzari et al, <i>Phil. Trans. R. Soc. Lond.</i> 354: 259-268, 1999												
	DN	<del>Deniers-Holgate et al, <i>J. Neurosci. Res.</i> 44: 263-271, 1996</del>												
	DO	Dolly, Gov't. Reports Announcements & Index (GRA&I) Issue 07, entire report, 1989												
	DP	Pouloni et al, <i>Advances in Organ Biology</i> Vol. 2: 285-312, 1997												
EXAMINER <i>Robert Z...</i>										DATE CONSIDERED <i>6/6/05</i>				
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LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17044DIV1(AP)	SERIAL NO.: 09/676,053
APPLICANT: Dolly et al	TITLE: MODIFICATION OF CLOSTRIDIAL TOXINS FOR USE AS TRANSPORT PROTEINS
FILING DATE: 9/28/2000	GROUP: Not assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
<i>122</i>	CD	00/33880	6/15/2000	WO	<u>    </u>	<u>NO</u>

OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

*Robert Zeman*

DATE CONSIDERED

*6/6/05*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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